GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2764
ANSWERED ON:20.03.2002
CONVERSION OF SEA WATER INTO POTABLE WATER
PUNNULAL MOHALE

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Department of Atomic Energy propose to implement any scheme in regard to use of any techno- logy to convert saline sea water into potable water on a large scale;

(b) if so, the details therefor; and

(c) if not the reasons thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIST OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) & (b) Two processes viz., Multi Stage Flash (MSF) and Reverse Osmosis (RO) have been developed by the Bhabha Atomic Research Centre (BARC) for desalination of water from the ocean. A demonstration plant is being set up at Kalpakkam, Tamil Nadu, which will produce 6300 m3/day of desalinated water from sea water, out of which 4500 m3/day will be produced by MSF technology while the balance of 1800 m3/day will be RO technology.

(c) In view of (a) & (b), does not arise.